IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1, 2, 12, 16, and 17 in accordance with the following:

1. (CURRENTLY AMENDED) An input system, comprising:

an information generation part generating input information based on a given input operation;

a transmission part substantially simultaneously transmitting a first signal and a second signal through a wave direction unit, the first signal and the second signal being generated by having a plurality of different carrier frequencies modulated with the same input information; and

a reception part receiving the transmitted signals and demodulating the signals into the same input information.

2. (CURRENTLY AMENDED) The input system as claimed in claim 1, ~~further comprising~~ wherein the wave direction unit comprises a plurality of wave direction parts ~~which are~~ provided close to said transmission part so as to provide the first and second signals transmitted from said transmission part with directivity.

3. (ORIGINAL) The input system as claimed in claim 2, wherein said wave direction parts are antennas.

4. (ORIGINAL) The input system as claimed in claim 1, wherein said transmission part comprises a plurality of transmission circuits for transmitting the signals of the different carrier frequencies.

5. (ORIGINAL) The input system as claimed in claim 1, wherein said transmission part comprises:

an output part which successively outputs the different carrier frequencies; and

a modulation part which has the different carrier frequencies modulated with the input information.

6. (ORIGINAL) The input system as claimed in claim 4, wherein each of the transmission circuit comprises:

an output part which outputs a corresponding one of the different carrier frequencies; and

a modulation part which has the corresponding one of the different carrier frequencies modulated with the input information.

7. (ORIGINAL) The input system as claimed in claim 1, wherein said reception part comprises a plurality of reception circuits for receiving the transmitted signals and demodulating the signals into the input information.

8. (ORIGINAL) The input system as claimed in claim 1, further comprising a pad member including conductive wire.

9. (ORIGINAL) The input system as claimed in claim 1, further comprising a conductive part,

wherein a user contacts said conductive part so that the signals transmitted from said transmission part are transmitted via said conductive part to the user.

10. (ORIGINAL) The input system as claimed in claim 1, further comprising:

a conductive plate member; and

a conductive part, wherein said conductive part contacts said conductive plate member so that the signals transmitted from said transmission part are transmitted via said conductive part to said conductive plate member.

11. (ORIGINAL) The input system as claimed in claim 1, further comprising a plurality of wave direction parts for receiving the signals transmitted from

said transmission part, said wave direction parts being provided on a side of said reception part.

12. (CURRENTLY AMENDED) An input system, comprising:

an information generation part generating input information based on a given input operation;

a transmission part generating a signal by having a carrier frequency modulated with the input information, and transmitting the generated signal;

a plurality of wave direction parts provided close to said transmission part so as to provide the signal transmitted from said transmission part with directivity; and

a reception part receiving the transmitted signal through each of the wave direction parts and demodulating the received signals into the same input information,

wherein the signal transmitted at a timing from the transmission part is provided ~~alternatively~~ alternately to the wave direction parts so that the same input information is transmitted alternately through the wave direction parts.

13. (PREVIOUSLY PRESENTED) The input system as claimed in claim 12, further comprising:

a switching part switchable between said wave direction parts based on a control signal supplied from said information generation part so that each of the signals transmitted from the transmission part is supplied to a corresponding one of the wave direction parts.

14. (ORIGINAL) The input system as claimed in claim 12, wherein said transmission part comprises a plurality of transmission circuits for transmitting the signal.

15. (ORIGINAL) The input system as claimed in claim 12, wherein said wave direction parts are antennas.

16. (CURRENTLY AMENDED) An input device, comprising:

an information generation part generating input information based on a given input operation; and

a transmission part substantially simultaneously transmitting a first signal and a second signal through a wave direction unit, the first signal and the second signal being generated by having a plurality of different carrier frequencies modulated with the same input information.

17. (CURRENTLY AMENDED) The input device as claimed in claim 16, ~~further comprising~~ wherein the wave direction unit comprises a plurality of wave direction parts ~~which are~~ provided close to said transmission part so as to provide the first and second signals transmitted from said transmission part with directivity.

18. (ORIGINAL) The input device as claimed in claim 17, wherein said wave direction parts are antennas.

19. (ORIGINAL) The input device as claimed in claim 16, wherein said transmission part comprises a plurality of transmission circuits for transmitting the signals of the different carrier frequencies.

20. (ORIGINAL) The input device as claimed in claim 16, wherein said transmission part comprises:

an output part which successively outputs the different carrier frequencies; and

a modulation part which has the different carrier frequencies modulated with the input information

21. (ORIGINAL) The input device as claimed in claim 19, wherein each of the transmission circuit comprises:

an output part which outputs a corresponding one of the different carrier frequencies; and

a modulation part which has the corresponding one of the different carrier frequencies modulated with the input information.

22. (ORIGINAL) The input device as claimed in claim 16, further comprising a conductive part provided on a surface of the input device,

wherein a user contacts said conductive part so that the signals transmitted from said transmission part are transmitted via said conductive part to the user.

23. (ORIGINAL) The input device as claimed in claim 16, further comprising a conductive part provided on

a bottom of the input device,

wherein said conductive part contacts a conductive plate member so that the signals transmitted from said transmission part are transmitted via said conductive part to the conductive plate member.

24. (PREVIOUSLY PRESENTED) An input device, comprising:

an information generation part generating input information based on a given input operation;

a transmission part generating a signal by having a carrier frequency modulated with the input information, and transmitting the generated signal; and

a plurality of wave direction parts provided close to said transmission part so as to provide the signal transmitted from said transmission part with directivity,

wherein the signal transmitted at a timing from the transmission part is provided alternately to the wave direction parts so that the same input information is transmitted alternately through the wave direction parts.

25. (PREVIOUSLY PRESENTED) The input device as claimed in claim 24, further comprising:

a switching part switchable between said wave direction parts based on a control signal supplied from said information generation part so that each of the signals transmitted from the transmission part is supplied to a corresponding one of the wave direction parts.

26. (PREVIOUSLY PRESENTED) The input device as claimed in claim 24, wherein said transmission part comprises a plurality of transmission circuits transmitting the signal, the transmission circuits corresponding to the wave direction parts.

27. (ORIGINAL) The input device as claimed in claim 24, wherein said wave direction parts are antennas.

28. (PREVIOUSLY PRESENTED) The input system as claimed in claim 1, wherein said transmission part comprises a switching part that causes switching between the different carrier frequencies so that the different carrier frequencies are alternately modulated with the input information.

29. (PREVIOUSLY PRESENTED) The input system as claimed in claim 16, wherein said transmission part comprises a switching part that causes switching between the different carrier frequencies so that the different carrier frequencies are alternately modulated with the input information.

30. (PREVIOUSLY PRESENTED) An input device, comprising:

an information generation part generating input information based on an input operation; and

a transmission part substantially simultaneously transmitting the same input information by a plurality of carrier frequencies.